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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/522,289	08/08/2005	Wolfgang Otto Budde	DE 030047	1503
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EXAMINER				
ABYANEH, ALI S				
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/522,289

**Applicant(s)**

BUDDE ET AL.

**Examiner**

ALI S. ABYANEH

**Art Unit**

2437

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 October 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date \_\_\_\_\_

### **DETAILED ACTION**

1. Claims 1-15 are presented for examination.
2. Claims 1-12, 14 and 15 are amended.

### **Response to Arguments**

3. Applicant's amendments/arguments filed on 01-29-2009 have been fully considered but are moot in view of the new ground(s) of rejection.

In response to the examiner's notice of non-compliance applicant has amended the claims to show the changes that have been made relative to the immediate prior version. However, the newly amended claims still include some informality and the changes made do not correspond to the immediate prior version. For example in amended claim 1, line 5-6 recites: the key record (4) in to at least one apparatus (2) of the network, and at least one receiving unit (7) ~~in at least one apparatus of the network~~. In the amendment the deleted word "in" after "record (4)" is not part of the original claim. Furthermore the deleted limitation in line 6 should include "(2)" after apparatus, in order to show the changes in respect to the prior version (original claim).

To expedite the processions and for purpose of examination examiner considers these minor informalities as a typo.

### **Claim Rejections - 35 USC § 103**

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Svensson (US Pub No. 2003/0120920 A1) in view of Varadharajan (EP 0756397 A2).

**Regarding claim 1, 14 and 15**

Svensson teaches a security system for networks, comprising a first portable unit comprising:

a memory for storing a worldwide unambiguous key record, a first transmitter provided for short-range information transmission of the key record to at least one apparatus of the network, said at least one apparatus of the network comprising: a receiving unit comprising: a receiving for receiving the key record from the first portable unit via said short range transmission to allow secure communication with at least one other apparatus of the network; an evaluation component of the apparatus for, storing, processing and/or passing on the key record or a part of the key record (paragraph [0024]-[0025]).

Svensson does not explicitly teach storing, processing and/or passing on the key record or a part of the key record **to a second component of the at least one apparatus; and means for triggering a transmission of the key record via transmitter**. However, in an analogous art, Varadharajan teaches storing, processing and/or passing on the key record or a part of the key record **to a second component**

**of the at least one apparatus** (column 6, lines 20-26); **and means for triggering a transmission of the key record via transmitter** (column 3, lines 25-34).

Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Svensson to include storing, processing and/or passing on the key record or a part of the key record to a second component of the at least one apparatus; and means for triggering a transmission of the key record via transmitter. This would have been obvious because person having ordinary skill in the art at the time the invention was made would have been motivated to do so in order to allow authentication and to protect communication between devices (column 1, lines 8-10).

#### **Regarding claim 2-5**

Varadharajan furthermore teaches wherein the first portable unit further comprises a triggering unit for triggering a short-range transmission of the key record to said at least on apparatus of the network; wherein upon a user's approach to the receiving unit, a detector unit in the portable unit is provided for triggering the short-range information transmission of the key record to said at least one apparatus of the network; wherein a key generator is provided in the first unit or in a second unit for generating a sequence of guest key records; and wherein the first portable unit is configured to transmit a guest key record upon activation of a second triggering unit (column 3, lines 1-10 and 25-34).

**Regarding claim 6 and 7**

Svensson furthermore teaches a security system wherein the key record and the guest key record each consist of a bit sequence (paragraph [0020]); wherein the portable first unit is a part of an apparatus, particularly a remote control unit (paragraph [0025]).

**Regarding claim 8 and 9**

Svensson furthermore teaches a security system, wherein the key record is supplied by the first portable unit during or before a network configuration, particularly an automatic network configuration, of an apparatus; and wherein the key record and the guest key record comprise characterizing bits which are provided for distinguishing between key records and other bit sequences and characterize bit sequences as key record or as guest key record (paragraph [0020]).

**Regarding claim 10 and 11**

Svensson furthermore teaches a security system, wherein the apparatus is provided for erasing-the guest key record; and a security system, wherein the apparatus is provided for authentication and encryption of useful data to be transmitted between the apparatuses of the network by means of a key comprised in the key record (paragraph [0024]-[0025]).

**Regarding claim 12 and 13**

Svensson furthermore teaches a security system, wherein the apparatus is a powerline communication apparatus; and a powerline communication network (paragraph [0012]).

**Conclusion**

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ali Abyaneh whose telephone number is (571) 272-7961. The examiner can normally be reached on Monday-Friday from (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone numbers for the organization where this application or proceeding is assigned as (571) 273-8300 Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/A. S. A./  
Examiner, Art Unit 2437

/Emmanuel L. Moise/  
Supervisory Patent Examiner, Art Unit 2437